

Attorney Docket No. NC 29319

intended by way of example only and is not intended to limit the present invention in any way except as set forth in the following claims.

CLAIMS

What is claimed is:

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- 1 1. A method of providing a notification of a received message in an
2 electronic device, the method comprising the steps of:
3 detecting motion of the electronic device;
4 determining a mode of the electronic device upon detecting a motion of
5 the electronic device; and
6 executing an alert if it is determined that said mode determined in the
7 step of determining is a sleep mode.
- 1 2. The method as claimed in claim 1, further comprising the step of
2 activating a motion sensor for monitoring the motion of the electronic
3 device, prior to the step of detecting motion of the electronic device.
- 1 3. The method as claimed in claim 2, further comprising the step of
2 receiving, in the electronic device, the message, prior to the step of
3 activating a motion sensor.
- 1 4. The method as claimed in claim 2, further comprising the step of
2 determining the mode of the electronic device, after the step of
3 receiving the message.
- 1 5. The method as claimed in claim 3, further comprising the step of
2 executing an first alert if determined that the mobile terminal is in the
3 first mode, after the step of determining the mode of the electronic
4 device and prior to the step of activating said motion sensor.
- 1 6. The method as claimed in claim 5, wherein the step of executing the
2 first alert comprises a step of executing a standard alert selected by the
3 user of the electronic device.
- 1 7. The method as claimed in claim 6, wherein the step of executing a
2 standard alert comprises a step of executing a vibrate type alert.

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- 1 8. The method as claimed in claim 6, wherein the step of executing a
2 standard alert comprises a step of executing an audible type alert.
- 1 9. The method as claimed in claim 6, wherein the step of executing a
2 standard alert comprises a step of executing a visual type alert.
- 1 10. The method as claimed in claim 3, further comprising the step of
2 executing a second alert, if determined that the electronic device is in
3 the second mode, after the step of determining the mode of the
4 electronic device and prior to the step of activating said motion sensor.
- 1 11. The method as claimed in claim 10, further comprises the step of
2 selecting said second alert from said list of alerts, prior to executing
3 said second alert.
- 1 12. The method as claimed in claim 11, wherein the step of selecting said
2 second alert from said list of alerts comprises a step of selecting an
3 efficient alert that consumes the least amount of battery power.
- 1 13. The method as claimed in claim 10, wherein the step of executing said
2 second alert comprises step of executing said second alert consuming
3 least amount of battery power.
- 1 14. The method as claimed in claim 1, further comprising the step of
2 setting the mode of the electronic, prior to the step of determining if the
3 electronic device is set to said first mode or said second mode.
- 1 15. The method as claimed in claim 1, wherein the step of executing said
2 alert comprises a step of executing a set of alerts.
- 1 16. The method as claimed in claim 15, wherein the step of executing said
2 set of alerts comprises a step of executing a plurality of same type
3 alerts.
- 1 17. The method as claimed in claim 16, wherein the step of executing said
2 plurality of same type alerts comprises a step executing each said
3 same type alert with varying strength and duration.

1 24. The electronic device as claimed in claim 22, wherein said processor
2 determines the mode of the electronic device, after said processor
3 receives the message.

- 1 25. The electronic device as claimed in claim 23, wherein said processor
2 executes a first alert if said processor determines that the electronic
3 device is in the first mode, after said processor determines the mode of
4 the electronic device and before said processor activating said motion
5 sensor.
- 1 26. The electronic device as claimed in claim 25, wherein said first alert
2 comprises a standard alert selected by the user of the electronic
3 device.
- 1 27. The electronic device as claimed in claim 26, wherein said standard
2 alert comprises a vibrate type alert.
- 1 28. The electronic device as claimed in claim 26, wherein said standard
2 alert comprises an audible type alert.
- 1 29. The electronic device as claimed in claim 26, wherein said standard
2 alert comprises a step of executing a visual type alert.
- 1 30. The electronic device as claimed in claim 23, wherein said processor
2 executes a second alert if said processor determines that the electronic
3 device is in said second mode, after said processor determines said
4 mode of the electronic device and before said processor activates said
5 motion sensor.
- 1 31. The electronic device as claimed in claim 30, wherein said second alert
2 comprises a list of alerts.
- 1 32. The electronic device as claimed in claim 31, wherein said list of alerts
2 comprises at least one efficient alert, wherein said efficient alert
3 consumes the least amount of battery power.

1 40. The electronic device as claimed in claim 35, wherein said set of alerts
2 comprises a plurality of vibrate type alerts.